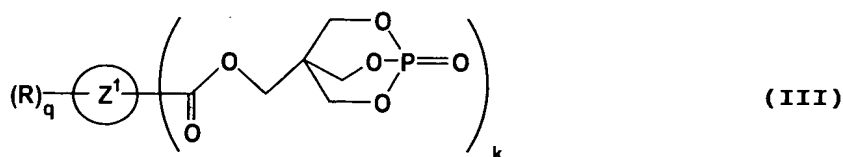
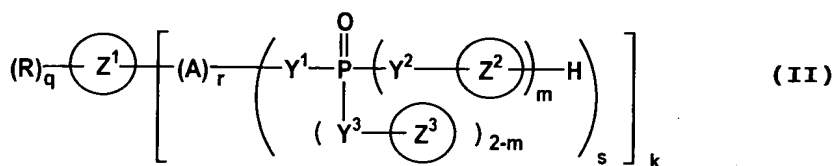
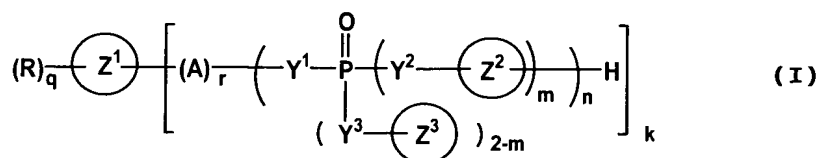


ABSTRACT

The phosphorus-containing compound of the present invention is represented by the following formula (I), (II)

5 or (III):



wherein Z^1 , Z^2 and Z^3 each represents a cycloalkane, a cycloalkene, a polycyclic aliphatic hydrocarbon or an aromatic hydrocarbon rings which may have a substituent; R represents a halogen atom, a hydroxyl, a carboxyl, a halocarboxyl (haloformyl), an alkyl, an alkoxy, an alkenyl or an aryl groups; A represents a polyvalent group corresponding to an alkane; Y^1 , Y^2 and Y^3 each represents -O-, -S- or -NR¹-, wherein R¹ represents a hydrogen atom or an alkyl group; k is an integer of 1 to 6; m is an integer of 0 to 2; n is an integer of not less than 1; q is an integer of 0 to 5; r is 0 or 1; and s is an integer of 1 to 4.

The phosphorus-containing compound is excellent in heat resistance and is useful as flame retardants, plasticizers, or stabilizers.